

DialogIP

Asynchronous electrical machine with regulated power output - has field winding divided into even number of partial windings connected in polygonal circuit supplied at each connection node pair with respective periodic current

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Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
WO 9601000	A1	19960111	WO 95EP2506	A	19950628	199608	B
DE 4422622	A1	19960125	DE 4422622	A	19940628	199609	
EP 715778	A1	19960612	EP 95925774	A	19950628	199628	
			WO 95EP2506	A	19950628		
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DE 59508171	G	20000518	DE 508171	A	19950628	200031	
			EP 95925774	A	19950628		
			WO 95EP2506	A	19950628		

Priority Applications (Number Kind Date): DE 4422622 A (19940628)

Cited Patents: DE 2748515

Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
WO 9601000	A1	G	56	H02K-003/28	
Designated States (National): US					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
DE 4422622	A1		6	H02K-017/12	
EP 715778	A1	G	1	H02K-003/28	Based on patent WO 9601000
Designated States (Regional): AT BE DE DK ES FR GB GR IE IT LU NL PT SE					
EP 715778	B1	G		H02K-003/28	Based on patent WO 9601000
Designated States (Regional): AT BE DE DK ES FR GB GR IE IT LU NL PT SE					
DE 59508171	G			H02K-003/28	Based on patent EP 715778
					Based on patent WO 9601000

Abstract:

WO 9601000 A

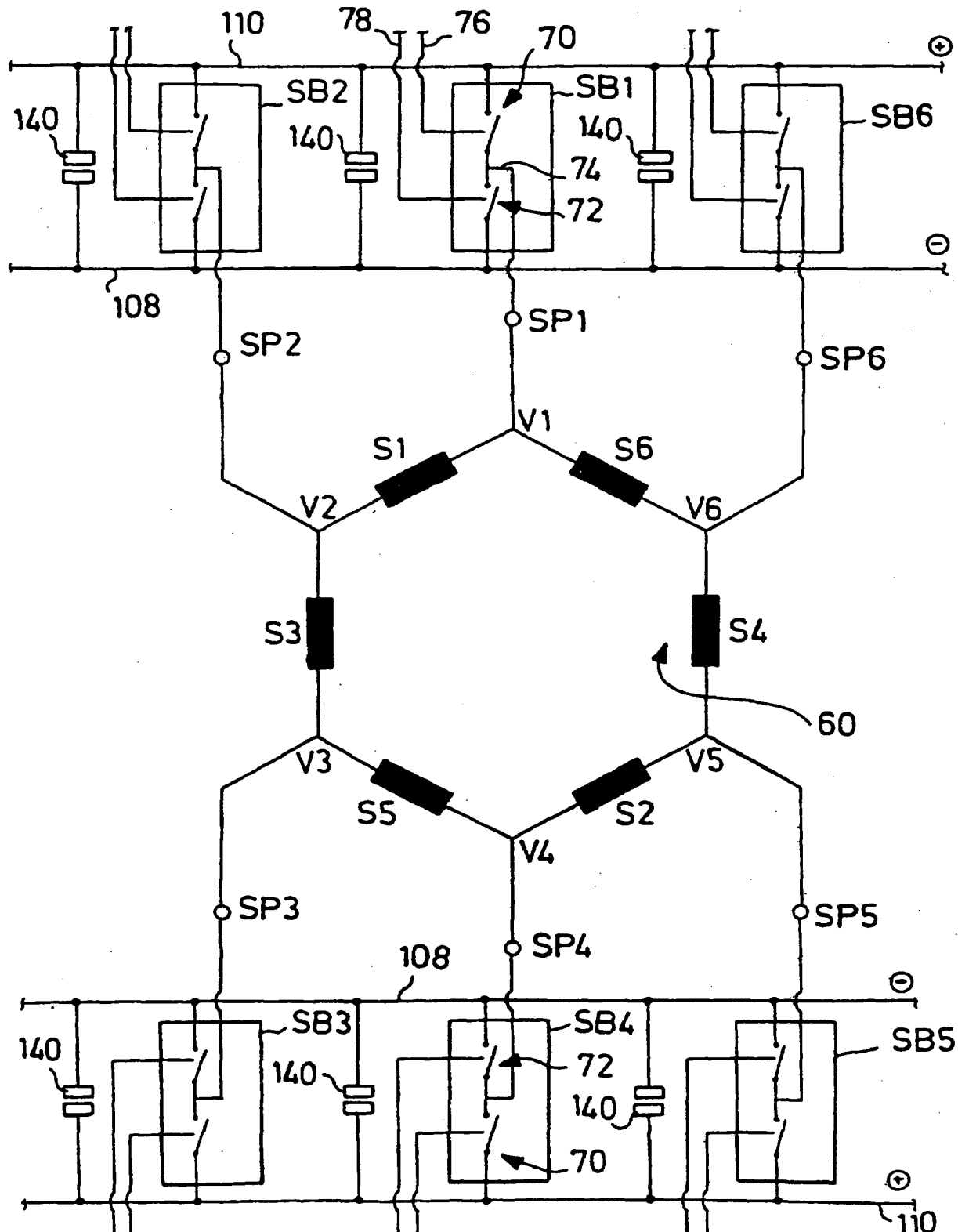
The machine has a rotor and a stator, one of which has a field winding (60) with at least two winding strands, coupled to a current or voltage source for providing a circulating polar field. The winding is divided into an even number of four or more partial windings (S), interconnected in a polygonal circuit.

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The polygonal circuit has the same number of connection nodes (V1-V6) as the number of partial windings, with opposing connection node pairs used as a supply terminal pair. Each supply terminal pair is inserted in a respective supply circuit for providing a periodic current.

ADVANTAGE - Improved power characteristics.

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Dialog® File Number 351 Accession Number 10580711

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